

**PATENT APPLICATION TRANSMITTAL LETTER****To the Commissioner for Patents:**Transmitted herewith for filing is the patent application of: Ramasamy Selvaraj et al.**FOR: A MODEL-CENTRIC METHOD AND APPARATUS FOR DYNAMIC SIMULATION,
ESTIMATION AND OPTIMIZATION****Enclosed are:**

1. Combined Declaration and Power of Attorney
2. One page cover sheet for patent application, 13 pages of specification, 4 pages of claim(s), and 1 page(s) of abstract
3. 7 sheets of drawings
4. Assignment, with Recordation Form Cover Sheet (in duplicate), of the invention to ABB Inc.
5. Postal card acknowledging receipt for filing

CLAIMS AS FILED	Number Filed	Number Extra	Rate	Fee
Total Claims	14 - 20 =	0 x	\$18.00 =	\$ 0.00
Independent Claims	6 - 3 =	3 x	\$86.00 =	\$ 258.00
			Basic Fee =	\$ 770.00
TOTAL FILING FEE:				<u>\$ 1028.00</u>

Attorney's Docket: E20020400

Method of Payment of Fees:

Charge Deposit Account No. 05-0877 in the amount of \$1028.00 to cover the filing fee. A duplicate copy of this Transmittal Letter is enclosed.

Date

9/30/03

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I hereby certify that this patent application was deposited with the United States Postal Service EXPRESS MAIL NO. ER 017472225 US in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the 30th day of September, 2003.

Debra A. Rietze

Printed Name of Person Mailing Document

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Signature of Person Mailing Document